

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	"2005813".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/16 09:26
L2	7	"2011333".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/16 09:27
S1	0	10/597343	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/09 13:37
S2	1107	(vibration near3 sens \$4) same (water hammer\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/09 13:37
S3	1107	(vibration near3 sens \$4) same (water hammer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/09 13:37
S4	119	S3 and (valve near3 (open\$3 or clos\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/09 13:39
S5	0	(vibration near3 sens \$4) same ("water hammer\$4")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/09 13:40
S6	9	(vibration near3 sens \$4) same ("water hammer" or "water hamerless")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/09 13:40
S7	1	(US-20070068577-\$). did.	US-PGPUB	OR	OFF	2008/09/09 14:40
S8	1	S7 and diaphragm.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/09 14:41
S9	1	S7 and 10%.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/09 14:42
S10	1	(US-7080658-\$).did.	USPAT	OR	OFF	2008/09/09 14:44

S11	0	S10 and tuning.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/09 14:45
S12	1	(US-20050241697-\$). did.	US-PGPUB	OR	OFF	2008/09/09 14:45
S13	0	S11 and tuning.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/09 14:45
S14	1	S7 and tuning.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/09 14:45
S15	1	11/762987	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/09 15:16
S16	146	137/50.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/19 15:34
S17	19	137/50.ccls. and (actuat\$4 with speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/19 15:36
S18	292	"137".clas. and (actuat \$4 with speed with change)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/19 15:38
S19	447	"137".clas. and (actuat \$4 with speed with chang\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/19 15:39
S20	4	"137".clas. and (actuat \$4 with speed with chang\$4) and (hammer or waterhammer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/19 15:39
S21	299	"137".clas. and (actuat \$4 with speed with chang\$4) and (msec or ms or millisecond)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/19 15:49
S22	7	"137".clas. and (actuat \$4 with speed with chang\$4) and (msec or millisecond)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/19 15:50

S23	261488	"137".clas. or "141".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/11 21:50
S24	31	S23 and (waterhammer\$4 or "water hammer\$4" or "fluid hammer\$4" or fluidhammer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/11 21:51
S25	932	S23 and (waterhammer\$4 or "water hammer" or "fluid hammer" or fluidhammer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/11 21:52
S26	42	S23 and (waterhammer\$4 or "water hammer" or "fluid hammer" or fluidhammer\$4) and (step with time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/11 21:52
S27	494	(pneumatic of fluid or hydraulic) near3 snubber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/11 22:40
S28	31	(pneumatic of fluid or hydraulic) near3 snubber and ("137".clas. or "251".clas. or "141".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/11 22:41
S29	19	S27 and (vibrat\$4 or puls\$3 or pulsat\$4 or reson\$4 or resonance or resonat\$4 or reverberat\$4 or sound\$4 or acoustic\$4 or shock\$4) near3 (sens\$4 or transduc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/11 22:44
S30	5	S29 and (step\$4 with (time or second or millisecond))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/11 22:46
S31	11	S27 and (vibrat\$4 or puls\$3 or pulsat\$4 or reson\$4 or resonance or resonat\$4 or reverberat\$4 or sound\$4 or acoustic\$4 or shock\$4) near3 (sens\$4 or transduc\$4) and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/11 22:52
S33	1	10/597343	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/11 23:16

S34	3	11/425028	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/12 17:17
S35	494	(pneumatic of fluid or hydraulic) near3 snubber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 17:36
S36	494	(pneumatic of fluid or hydraulic) near3 snubber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 17:37
S37	19	S36 and (microphone \$4 or vibrat\$4 or puls \$3 or pulsat\$4 or reson \$4 or resonance or resonat\$4 or reverberat \$4 or sound\$4 or acoustic\$4 or shock\$4) near3 (sens\$4 or transduc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 17:37
S38	261488	"137".clas. or "141". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/12 17:39
S39	42	S38 and (waterhammer \$4 or "water hammer" or "fluid hammer" or fluidhammer\$4) and (step with time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 17:39
S40	8	S39 and (vibrat\$4 or puls\$3 or pulsat\$4 or reson\$4 or resonance or resonat\$4 or reverberat\$4 or sound \$4 or acoustic\$4 or shock\$4) near3 (sens \$4 or transduc\$4) and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 17:39
S41	8	S39 and (vibrat\$4 or puls\$3 or pulsat\$4 or reson\$4 or resonance or resonat\$4 or reverberat\$4 or sound \$4 or acoustic\$4 or shock\$4 or microphone) near3 (sens\$4 or transduc\$4) and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 17:39
S42	2	"2002367420"	JPO	OR	ON	2008/12/12 17:42

S43	0	"20074254"	JPO	OR	ON	2008/12/12 17:53
S44	0	"200074254"	JPO	OR	ON	2008/12/12 17:53
S45	0	"2000-74254"	JPO	OR	ON	2008/12/12 17:53
S46	63	137/487.5.ccls.	JPO	OR	ON	2008/12/12 17:55
S47	1420	137/487.5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/12 17:55
S48	81	S47 and (vibrat\$4 or puls\$3 or pulsat\$4 or reson\$4 or resonance or resonat\$4 or reverberat\$4 or sound \$4 or acoustic\$4 or shock\$4 or microphone) near3 (sens\$4 or transduc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 17:56
S49	74	S48 and (time or pulse or step) same control \$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 17:57
S50	1	11/463943	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 18:03
S51	5	11/152638	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 18:04
S52	8	"5732929".pn. or "6102072".pn. or "6178997".pn. or "6889706".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 18:18
S53	69	("3746049" "4121763" "4333389" "4458839" "4580305" "4581707" "4643350" "4761999" "4791954" "4875623" "4976144" "5014211" "5029597" "5040380").PN. OR ("5251148").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/14 15:02

S54	64	("20010032518" "20010037159" "20010037670" "20020052712" "20030144747" "4029122" "4263997" "4274438" "4481451" "4509403" "4523286" "4542649" "4556956" "4690003" "4693113" "4712173" "4831873" "4856327" "4860596" "4896101" "4976144" "5049764" "5070846" "5109692" "5197328" "5249954" "5251148" "5272647" "5329465" "5425270" "5431182" "5469737" "5524484" "5526690" "5533544" "5543696" "5549137" "5573032" "5594175" "5616824" "5654885" "5684451" "5687098" "5715178" "5847952" "5878765" "5884894" "5892690" "5966679" "5970430" "5992229" "6016875" "6035878" "6102321" "6155283" "6192321" "6272401" "6453261" "6466893" "6505145" "6678584" "6745084").PN. OR ("7089086").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/14 15:04
-----	----	---	---------------------------	----	-----	---------------------

S55	76	("4029122" "4313465" "4376450" "4523286" "4542649" "4555766" "4590963" "4615722" "4617960" "4660416" "4672529" "4690003" "4693113" "4694390" "4694391" "4712071" "4742713" "4831873" "4833593" "4858103" "4908774" "4908775" "4916628" "4926903" "4949288" "4976144" "4977778" "4980825" "5000040" "5086273" "5109692" "5140263" "5154080" "5159835" "5197328" "5198973" "5228342" "5233542" "5251148" "5253185" "5272647" "5320123" "5329465" "5329956" "5337262" "5396167" "5414648" "5425270" "5433245" "5451923" "5475299" "5477149" "5487302" "5555171" "5557546" "5564470" "5586305" "5665898" "5687098" "5748469" "5878765").PN. OR ("6192321").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/14 15:16
S56	111	("4271505" "4627045" "4691328" "4831558" "4918690" "4955305" "4974625" "4976144" "5014185" "5023869" "5109692" "5146401" "5148433" "5193189" "5197328" "5404524" "5434774" "5439021" "5451932"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/14 15:47

		"5469150" "5469548" "5485455" "5530643" "5558115" "5573032" "5592622" "5631825" "5650777" "5684451").PN. OR ("5970430").URPN.				
S57	49	("3098382" "3099163" "3939688" "3939690" "4002065" "4029122").PN. OR ("4274438").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/14 16:20
S58	2	"7039537".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/15 16:17
S59	41	(US-20040244837-\$ or US-20050150557-\$ or US-20050241697-\$ or US-20050288873-\$ or US-20060044156-\$ or US-20070068577-\$ or US-20080035877-\$ or US-20080257415-\$). did. or (US-4029122-\$ or US-4145959-\$ or US- 4274438-\$ or US- 4400981-\$ or US- 4511114-\$ or US- 4523286-\$ or US- 4712173-\$ or US- 4742998-\$ or US- 4757980-\$ or US- 4856327-\$ or US- 5109692-\$ or US- 5251148-\$ or US- 5477149-\$ or US- 5487302-\$ or US- 5540104-\$ or US- 5573032-\$ or US- 5687098-\$ or US- 5732929-\$ or US- 5748469-\$ or US- 5970430-\$ or US- 6102072-\$ or US- 6178997-\$ or US- 6192321-\$ or US- 6267138-\$ or US- 6382226-\$ or US- 6804618-\$).did. or (US- 6889706-\$ or US- 6913031-\$ or US- 7039537-\$ or US-	US-PGPUB; USPAT; JPO	OR	OFF	2008/12/15 17:04

		7080658-\$ or US- 7089086-\$ or US- 7273063-\$).did. or (JP- 2004213638-\$).did.				
S60	1	S58 and diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/15 17:04
S61	76	("4029122" "4313465" "4376450" "4523286" "4542649" "4555766" "4590963" "4615722" "4617960" "4660416" "4672529" "4690003" "4693113" "4694390" "4694391" "4712071" "4742713" "4831873" "4833593" "4858103" "4908774" "4908775" "4916628" "4926903" "4949288" "4976144" "4977778" "4980825" "5000040" "5086273" "5109692" "5140263" "5154080" "5159835" "5197328" "5198973" "5228342" "5233542" "5251148" "5253185" "5272647" "5320123" "5329465" "5329956" "5337262" "5396167" "5414648" "5425270" "5433245" "5451923" "5475299" "5477149" "5487302" "5555171" "5557546" "5564470" "5586305" "5665898" "5687098" "5748469" "5878765").PN. OR ("6192321").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/15 17:12
S62	2	"7278437".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/15 19:49

12/16/2008 10:28:28 AM

C:\Documents and Settings\wmccalister\My Documents\EAST\Workspaces\11762987.wsp